

Extreme Sonic Cleaner Instruction Manual

Heating Function

To turn on the heating function press the HEATING button once. To turn off the heating function press the HEATING button again. The heating function can be run alone to preheat the water and/or solution or at the same time as the cleaning function.

The water and/or solution will heat to a fixed temperature of approximately 65°C /149°F.

NOTE: The heater function will deactivate once maximum water temperature is reached. The heater button will become functional again once the water temperature drops a few degrees. If the heating button does not illuminate when pressed, this simply means that the water in the tank is hot enough for your cleaning cycle. Try it again before the following cleaning cycle.

Maintenance

Change cleaning solution when the water/solution mixture becomes visibly dirty or you notice the brass is not coming out as clean as previous cycles.

When you have finished cleaning your brass, unplug the unit; drain your unit of the cleaning solution. Rinse the basket with water, wipe down the tank with a clean damp cloth, then dry the unit and basket with a clean dry cloth before storing.

Specifications Extreme Sonic Cleaner

- Cleans approximately 350 pieces of .223 brass per batch
- Heating function for enhanced cleaning power
- Digital display and time controls
- Tank Size: 7.7" x 6.5" x 2.6"
- Capacity 2L
- 100 watts
- 42KHz

Frankford Arsenal
Reloading Tools

*Ultrasonic Brass
Cleaning Solution*
#878787 -- 32oz. bottle

*Ultrasonic Parts
Cleaning Solution*
#898989 -- 32oz. bottle



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The Frankford Arsenal EZ Sonic Extreme Cleaner is designed to deliver state of the art cleaning power for brass as well as other parts. The high frequency ultrasonic agitation cleans brass thoroughly inside and out quickly, quietly and without mess. It even breaks down the stubborn carbon build up in primer pockets. It also includes a removable basket for convenient draining.

The Extreme Sonic Cleaner provides added cleaning power with its heating function. It also provides increased capacity and high-wattage ultrasonic power for processing large batches of brass or parts. Two specialized cleaning solutions are available: one designed specifically for brass and the other for miscellaneous parts such as pistol barrels, gas pistons, trigger groups, etc...

120v -- #868686
220v -- #888850

Frankford Arsenal
Reloading Tools



IMPORTANT:

1. For best results we recommend the use of Frankford Arsenal EZ Sonic Brass Cleaning Solution or EZ Sonic Parts Cleaning Solution
2. Do not operate the cleaner without water and/or cleaning solution in the tank.
3. Do not place cases or other products directly in the tank. ALWAYS use the basket.
4. Do not clean aluminum parts with this cleaner since there is a good chance it will damage thin/ low grade aluminum parts.
5. To prolong the life of the unit, we recommended after every 3 working cycles to let the unit cool for 15 minutes
6. Always wipe the tank out with a damp cloth and dry with a clean towel between uses.
7. Do not mix steel cases and brass cases in the cleaner at one time.

WARNING: IMPORTANT SAFETY INFORMATION

1. To avoid electrical hazard, make sure the cleaner remains unplugged while filling or emptying the tank.
2. Do not overfill tank.
3. Do not place hands in the tank while the cleaner is running.
4. Keep unit away from all direct heat sources.

STOP!

If you have a problem with this product, DON'T RETURN IT TO THE STORE WHERE YOU PURCHASED IT. Contact customer service at...

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Or visit our website @ www.battenfeldtechnologies.com

NOT WARRANTIED AGAINST MISUSE, ABUSE, OR COMMERCIAL USE.

Limited Warranty

Every Frankford product is warranted to be free of defects in materials and workmanship for a period of one (1) year from the date of original purchase. Frankford will, at its option, repair or replace without charge, except for transportation costs, parts that fail under normal use and service when operated and maintained in accordance with our Instructions. This warranty does not apply to normal wear or to items whose life is dependent upon their use and care. This warranty is in lieu of all other warranties, expressed or implied and releases Frankford, its affiliates, and its vendors from all other obligations and liabilities.

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Cleaning Instructions

When you clean your brass with the Frankford Arsenal EZ Sonic or Extreme Cleaner, we recommend that you first de-prime the brass cases to take full advantage of the ultrasonic cleaning ability.

1. Make sure the unit is unplugged, then open the lid and remove the basket.
2. Mix the appropriate cleaning solution according to the directions on the bottle.
3. Fill the basket with the desired amount of brass. (Notice the MAX fill line on the side of the tank which is 3/8" below the top edge of the basket when inserted.) Place the basket with brass in the tank and add cleaning solution so the brass cases are covered but the fluid level is still below the MAX fill line.
4. Plug in the power cord.
5. Once the unit is plugged in the 180 second cycle will default on the illuminated screen. Pressing the SET button will cycle through 5 settings of different time lengths including 180s-280s-380s-480s-90s. Stop pressing set when the desired time is selected.
6. Press the HEATING button to heat the solution for enhanced cleaning performance.
7. Press the ON button to run the selected cleaning cycle.
8. Press the OFF button to pause a working cycle. Pressing the ON button to resume the cycle or press the SET button to reset the cycle.
9. Check the brass to determine your level of cleanliness. Most brass will be clean with 5-20 minutes of cleaning depending on their dirtiness and level of corrosion. (Remember if you run the unit in 3 consecutive working cycles let it cool for 15 minutes before starting a 4th working cycle.)
10. Open the lid and raise the basket out of tank.
11. Rinse the brass cases in a clean tub of water or in your sink. Distilled water will help your brass dry without water-spots.
12. Dry your brass thoroughly before loading.
13. When you have finished cleaning your brass, unplug the unit and drain your unit of the cleaning solution. Rinse the basket with water, wipe down the tank with a clean damp cloth and dry the unit and basket with a clean dry cloth before storing.

NOTE: Stirring to reposition brass once or twice during cleaning cycles will ensure all pieces are thoroughly cleaned.

NOTE: Let basket sit on top of cleaner and let it drip excess solution into the tank.

NOTE: A hair dryer, low-pressure air or dehydrator can speed up the drying process.

Cleaning Instructions Other Parts

The Cleaning Instructions can be used to clean small gun parts and other reloading equipment and tools. Remember to follow the instructions on the cleaning solution bottles and

DO NOT use the EZ Sonic Brass Cleaning Solution on non-brass items because it could harm the finish of those items.

If you wish to clean jewelry or other valuable items, make sure the tank and basket are very clean and only use distilled water as cleaning solutions could damage the finish of your items. Remember to always read the directions and mixture ratios of EACH cleaning solution you are going to use.

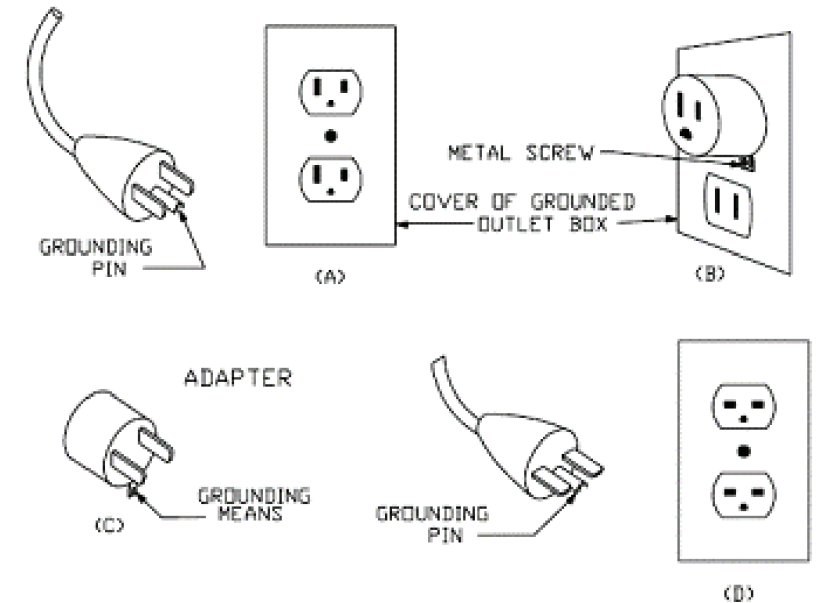
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IMPORTANT SAFETY INSTRUCTIONS – SAVE THESE INSTRUCTIONS



WARNING – When using this electrical appliance, basic precautions should always be followed including the following:

1. Read all instructions before using this appliance.
2. To reduce the risk of injury, close supervision is necessary when this appliance is used near children.
3. Do not contact moving parts.
4. Only use attachments recommended or sold by Frankford Arsenal.
5. Do not use outdoors.
6. To disconnect, turn all controls to the off ("O") position, then remove the plug.
7. Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
8. Do not operate this appliance with a damaged cord or plug, or if the unit malfunctions or is dropped or damaged in any manner. Return the unit for examination, repair, or electrical or mechanical adjustment.
9. To reduce the risk of electrical shock, do not put this appliance in water or other liquid.
10. Do not place or store this appliance where it can fall or be pulled into a tub or sink.
11. Remove plug from wall outlet when this appliance is not in use.
12. Never operate this appliance unattended.
13. Operate this appliance on a non-combustible surface away from all combustible materials including curtains, draperies, or walls.



For grounded appliance – Connect to a properly grounded outlet only. See Grounding Instructions.

This appliance must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in sketch "A". A temporary adapter, which looks like the adapter in sketches "B" and "C", may be used to connect this plug to a 2-pole receptacle as shown in sketch "B" if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug, and the like, extending from the adapter must be connected to a permanent ground such as properly grounded outlet cover box. Whenever the adapter is used, it must be held in place by the metal screw.